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marantz®

Model CD4000 User Guide

CD PLAYER

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

COMPACT disc DIGITAL AUDIO

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ENGLISH

WARRANTY
For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT
Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes of when corresponding with Marantz.

IMPORTANT
When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY
This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE
Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT
L'attestation d'achat est la prevue permanente d'un achat de valeur. La conserver en lieur sûr pour s'y reporter aux fins d'obtention diune couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT
Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de lachat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GRANTIE
Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTUNG GUT AUF
Die Quittung dient Ihnen als bleibende Unterlage für Ihre wertvolle Anschaffung Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen angaben für Versicherungszwecke oder bei korrespondez mit Marantz angeführt werden müssen.

WICHTIG!
Bei Garantifrangen muß der Kunde eine Kaufunterlage mit kaufdatum vorlegen. Ihre Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GRANTIE
Voor inlichtingen omtrent garantie dient u zich te wenden tot uw plaatselijke Marantz-handelaar.

UW KWITANTIE, KASSABON E.D. BEWAREN
Uw Kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt. verwijzing, b.v. in verband met verzekering of bij correspondentie met Marantz.

BELANGRIJK
Bij een evt. beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur is zijn voldoende bewijs.

ITALIANO

CONDIZIONI DI GARANZIA
L'apparecchio e' garantito per 365 giorni dalla data di acquisto comprovata da un documento attestante il nominativo del rivenditore e la data di vendita. La garanzia sara' prestata con la sostituzione o riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata insatallazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non passano riferirsi a difetti di funzionamento dell'apparecchio.

Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza. La spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilita' per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale.

Per informazioni sull'abbonamento al servizio Assistenza postgaranzia e per conoscere l'indirizzio dei Centri Assistenza Marantz rivolgetevi al nostro servizio consumatori (telefono 1678-20026 – numero verde).

PORTUGUÊS

GARANTIA
Para informações sobre a garantia, contactar o distribuidor Marantz local.

GUARDAR O RECIBO DE COMPRA
O recibo é o registo permanente da compra que fez. Deve ser guardado num local seguro, para ser apresentado em questões relacionadas com o seguro ou para quando tiver de contactar a Marantz.

IMPORTANTE
Quando procurar assisténcia técnica ao abtigo da garantia, é da responsabilidade do consumidor estabelecer a prova e data de compra. O recibo é prova adequada.

ESPANOL

GARANTÍA
Para información sobre las Condiciones de Garantía, sírvase consultar el Certificado que encontará en le interior del embalaje del equipo.

CONSERVE EL COMPROBANTE DE LA COMPRA
La factura es el comprobante de la adquisición de un producto valioso. Consérvela en lugar seguro para poder consultarla en caso necesario.

IMPORTANTE
Para disponer de servicios cubiertos por la garantía, el usuario deberá acreditar la fecha y el lugar de adquisición del equipo. La factura o recibo de la compra constituyen un comprobante válido a tal efecto.

SVENSKA

GARANTI
Angáende garanti, kontakta din lokala Marantz handlare.

SPAR KVITTOT
Kvittot är din Inköpshandling över Inköp av en värdefull vara. Det ska placeras pá ett säkert ställe och hänvlsas till vid försäkringsfrágor eller vid korrespondens med Marantz.

VIKTIGT
När garantiservice áberopas är det konsumentens ansver att visa datum för inköp. Ditt kvitto eller din faktura är ett tillfredsställande bevis.

DANSK

GARANTI
Kontakt Deres lokale Marantz-forhandler angående garanti-information.

GEM DERES KØBSNOTA
Deres købsnota er et vigtigt bevis for købet. Opbevar den et sted, så De senere kan finde den, hvis den skal bruges i forbindelse med forsikringsspørgsmål eller kontakt til Marantz.

VIGTIGT
Når man henvender sig for at få service under garantien, er det kundens ansvar at kunne fremlægge bevis for køb og købsdato. Købsnota eller faktura er tilstrækkelig til et sådant bevis.

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ENGLISH:

CAUTION!

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Suomi:

VAROITUS!

Laittaan käyttäminen muulla kuin tassä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttajen turvallisuusluokan 1 ylittävuälle näkymättomäile laseräteilylle.

Svenska:

VARNING!

Om apparaten använda päannat sätt än vad som beskrivs i denne bruksanvisning kan användaren utsättas för osynlig laserstrålning som overskrider gränsen för laseklass 1.

WARNING FOR LASER RADIATION

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.

DANGER : INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.

VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINANAKYMÄTTÖMÄALLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.

VARNING! : OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRALEN.

ITALIA

SI DICHIARA CHE L'APPARECCHIO CD-4000 RISPONDE ALLE PRESCRIZIONI DELL'ART. 2 COMMA 1 DEL D.M. 28 AGOSTO 1995 Nº 548.

Fatto a eindhoven, il 1/3/1998.

MARANTZ EUROPE B.V.
5600 JB EINDHOVEN
THE NETHERLANDS

NORGE

- Typeskilt finnes på apparatens bakside.
- ***Observer : Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.***

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

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FITTING A MAINS PLUG *(U.K. only)*
This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
- Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

NOTE
The severed plug must be disposed to avoid a possible shock hazard should it be inserted into a 13A socket elswhere.

HOW TO CONNECT A PLUG
The wires in the mains lead are coloured in accordance with the following code:
BLUE – "NEUTRAL" ("N") and BROWN – "LIVE" ("L"). As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
- The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.
- Do *not* connect either wires to the earth terminal in the plug which is marked by the letter "E" or by the safety earth symbol or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cordgrip is clamped over the sheath of the lead – not simply over the two wires.

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English

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COMPACT disc DIGITAL AUDIO

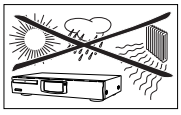
COMPACT disc DIGITAL AUDIO Recordable

COMPACT disc DIGITAL AUDIO ReWritable

Maintenance

Clean the CD player with a soft, slightly dampened lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.

Do not expose the CD player, batteries or CDs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).

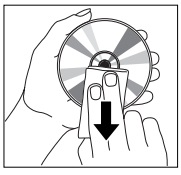


This CD player can play all kinds of Audio Discs such as CD-Recordables and CD-Rewriteables. Do not try to play a CD-ROM, CD-I, CDV or computer CD.

If the CD player cannot read CDs correctly use a commonly available cleaning CD to clean the lens before taking the CD player to repair. Other cleaning methods may destroy the lens. Always keep the tray closed to avoid dust on the lens.

The lens may cloud over when the CD player is suddenly moved from cold to warm surroundings. Playing a CD is not possible then. Leave the CD player in a warm environment until the moisture evaporates.

To clean a CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.



Technical data

Subject to modification without notice.

Standby power consumption ....< 5W
Frequency range 20–20,000Hz
Amplitude linearity ....< 1dB (1kHz, -90dB)
Dynamic range 95dB (1kHz)
Signal-to-noise ratio ....98dB (1kHz, A-weighted)
Channel separation 85dB (1kHz)
Total harmonic distortion ....0.006%, -84dB (1kHz)
Audio output ....2V RMS ±3dB, 1kΩ
Digital coaxial output ....75Ω acc. IEC 958
Impedance headphones ....30–600Ω (5V e. m. f. from 120Ω)
Dimensions ....435 × 86 × 265mm
Weight 2.9kg

This set complies with the radio interference requirements of the European Community

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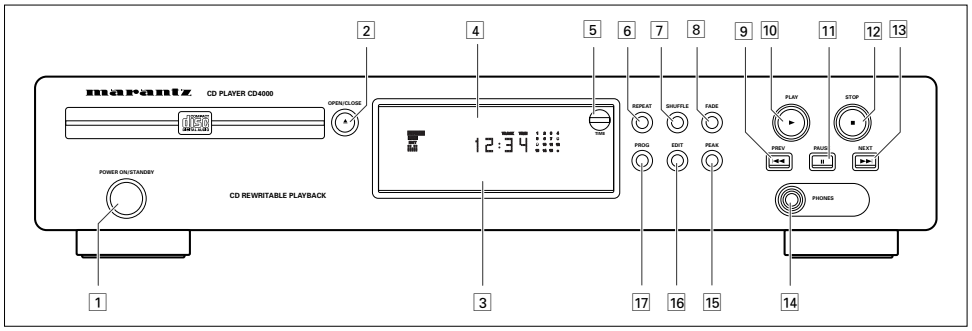
CONTROLS AND CONNECTIONS

English



Controls on the front

1 **POWER ON / STANDBY** ...switches the CD player on and to standby

2 **OPEN·CLOSE** .....opens and closes the CD tray

3 Sensor for the infrared remote control

4 Display

5 **TIME** .....switches through the different time information

6 **REPEAT** .....repeats a track, a program or the entire CD

7 **SHUFFLE** .....plays a CD or a program in random order

8 **FADE** .....fades CD play out and in

9 **PREV.** ⏮ .....selects the beginning of the current or a previous track, and searches backward

10 **PLAY** ▶ .....starts CD play

11 **PAUSE** ⏸ .....interrupts CD play

12 **STOP** ■ .....stops CD play and clears a program

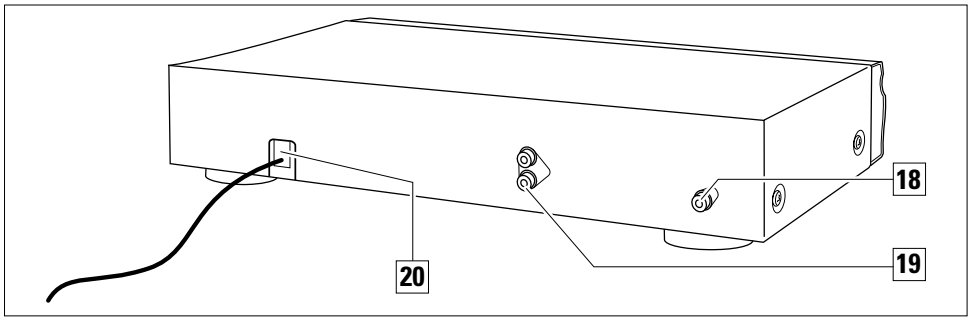
13 **NEXT** ⏭ .....selects the beginning of a subsequent track, and searches forward

14 **PHONES** .....6.3mm headphone socket

15 **PEAK** .....searches the loudest passage of a CD

16 **EDIT** .....changes the settings for recording on tape or CD-Recordable

17 **PROGRAM** .....programs track numbers



Connections at the back

18 **DIGITAL OUT** .....to connect the digital input of a digital audio device

19 **LINE OUT L R** .....to connect the audio input of an amplifier

20 **MAINS LEAD** .....After all other connections have been made, connect this mains lead to the wall socket.

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INSTALLATION AND REMOTE CONTROL

English

Accessories

This CD player is supplied including:
– a remote control
– 2 batteries for the remote control
– a connection cable
– this instruction booklet

Connections

Usual connection, LINE OUT

1 Insert the red plug of the supplied connection cable into R and the other plug into L.

2 Insert the other side of the cable into the corresponding sockets of the CD or AUX input of your amplifier.

Important!

*You may also use the TUNER or TAPE, but **never** the PHONO input of your amplifier!*

Digital connection, DIGITAL OUT

Never connect this socket to a non-digital input – such as AUX, CD, PHONO, TAPE – of an amplifier. This output supplies a digital signal and can therefore only be connected to a digital input.

1 Insert an optional coaxial cable into DIGITAL OUT.

2 Insert the other side of the cable into the digital input of your digital device (e. g. CD Recorder).

Mains

The type plate is located on the bottom of the CD player.

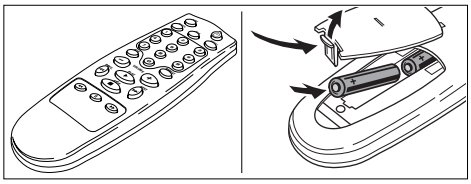
1 Check whether the mains voltage as shown on the type plate corresponds to your local mains voltage. If it does not, consult your dealer or service organisation.

2 Connect the mains cable to the wall socket. This switches on the mains supply.

Note: To disconnect the CD player from the mains completely, remove the mains plug from the wall socket.

For users in the U.K.:
please follow the instructions on page 2.

Remote control



Batteries

- Open the battery compartment of the remote control and insert 2 alkaline batteries, type **AAA** (R03, UM-4).

Remove batteries if they are flat or the remote control is not going to be used for a long time.

Batteries contain chemical substances, so they should be disposed of properly.

TIME .....switches through the different time informations
⏻ .....switches the CD player to standby
PROG. .....programs track numbers
FADE .....fades CD play out and in
SHUFFLE .....plays a CD or a program in random order
DIGITS 0–9 .....selects a track by number
SCAN .....plays the beginning of each track
REPEAT .....repeats a track, a program or the entire CD
VOLUME – .....decreases the volume level
VOLUME + ...increases the volume level
PLAY ▶ .....starts CD play
PREV. ⏮ .....selects the beginning of the current or a previous track
NEXT ⏭ .....selects the beginning of a subsequent track
STOP ■ .....stops CD play and clears a program
◀◀ .....searches backward
PAUSE ⏸ .....interrupts CD play
▶▶ .....searches forward

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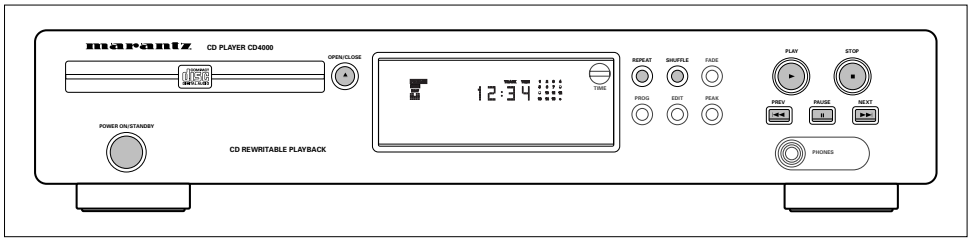
PLAYBACK

English



Discs for playback

This system can play all audio CD, finalized audio CD-Recordable and finalized audio CD-Rewritable format discs.

Playing a CD

1 Use POWER ON / STANDBY to switch on the CD player.

2 Press OPEN·CLOSE to open the CD tray.
→ OPEN appears on the display.

3 Insert an audio CD (printed side up) and press OPEN·CLOSE to close the CD compartment.
→ READING appears on the display. Then the number of tracks and the playing time is shown.

4 Press PLAY ▶ to start CD play.
→ The display shows **TRACK**, **TIME**, and the number and time of the actual track.

- You can interrupt CD play by pressing PAUSE ❚❚.
  → The display shows and the track number and time where playback was stopped.
- Continue CD play by pressing PAUSE ❚❚ again.

5 Press STOP ■ to stop CD play.

Note: Playback will also stop if the end of the CD is reached.

Selecting a track and searching

Selecting a track during CD play

- Briefly press PREV. ⏮ or NEXT ⏭ once or several times to skip to the beginning of the current, previous or subsequent track(s).

or

- Use the digits **0-9** on the remote control to key in the number of a track.
  → CD play continues with the selected track.

Selecting a track when CD play is stopped

1 Briefly press PREV. ⏮ or NEXT ⏭ once or several times.

or

- Use the digits **0-9** on the remote control to key in the number of a track.

2 Press PLAY ▶ to start CD play.
→ Playback starts with the selected track.

Searching for a passage during CD play

1 Hold down PREV. ⏮ or NEXT ⏭ to find a particular passage in a backward or forward direction.
→ CD play continues at a low volume.

2 Release the button when you have reached the desired passage.

Note: In the shuffle and repeat mode and when playing a program, searching is only possible within the particular track.

Random order playing (SHUFFLE)

1 Press SHUFFLE before or during CD play to start shuffle play.
→ **SHUFFLE** is shown in the display. All the tracks of the CD (or program if available) will now be played in random order.

2 Press SHUFFLE again to return to normal CD play.

Repeating the CD, a track or a program

1 Press repeatedly REPEAT during CD play.
→ The display shows the different repeating modes.
REPEAT 1: the current track is played repeatedly.
REPEAT: the entire CD or program (if available) is played repeatedly.

2 Press REPEAT until the display indication disappears to return to normal CD play.

Note: It is possible to activate the different playing modes at the same time, e. g. you can repeatedly play the entire CD or program in random order (**PROGRAM REPEAT SHUFFLE**).

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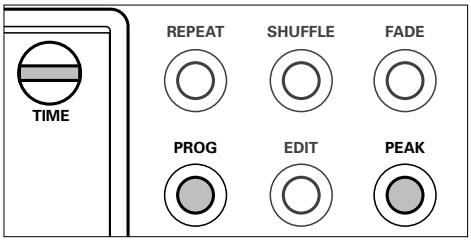
ADDITIONAL FUNCTIONS

English



Programming track numbers

You can select a number of tracks and store these in the memory in the desired sequence. You can store any track more than once. At most, 30 tracks can be stored in the memory.

1 Press PROG to start programming.
→ **PROGRAM** flashes.

Note: If you press PROGRAM while playing a CD, the actual track will be added to the program.

2 Press PREV. ⏮ or NEXT ⏭ to select the desired track.
or
- Key in the number of a track with the digits **0-9** on the remote control.

3 Press PROG to store the track number.
→ **TRACK**, **TOTAL TIME**, and the number of the programmed track is displayed. The number of programmed tracks is increased and the time of the track is added to the total time of the program.

4 Repeat steps 2 and 3 for all tracks to be programmed.

5 Press STOP ■ to end programming.
→ **PROGRAM** lights permamently.

- It is possible to review the program using the PREV. ⏮ or NEXT ⏭. You can add more tracks by pressing PROGRAM like you have done before.

6 Press PLAY ▶ to start program play.

Note: If you try to store more than 30 tracks
PROGRAM FULL scrolls through the display.

Clearing the program

1 If necessary press STOP ■ to stop program playing.

2 Press STOP ■ to clear the program.
→ *PROGRAM CLEARED* scrolls through the display, **PROGRAM** disappears and your program is cleared.

Note: The program will also be cleared if you open the tray.

Loudest passage searching

You can search for the loudest passage of a CD or program. This will help you in adjusting your recording device if required.

1 If necessary press STOP ■ to stop CD play.

2 Press PEAK to start searching.
→ **PEAK** starts flashing. Searching may need a few minutes. Then 4 seconds of the loudest passage are played repeatedly.

- You can interrupt peak play by pressing PAUSE ❚❚. Continue peak play by pressing PAUSE ❚❚ again.

3 Press STOP ■ to stop playing.
or
- Press PLAY ▶ to start CD play.

Time display

You can display time information which is stored on the CD.

While playing a CD or a program the number and elapsed time of the actual track, and **TIME** are displayed.

- Press TIME several times to display:
  → The number and remaining time of the actual track, and **REM TIME**.
  → The number of the actual track, the total elapsed time of the CD, and **TOTAL TIME**.
  → The number of the actual track, the total remaining time of the CD, and **TOTAL REM TIME**.

Note: If you press TIME when the CD is not playing you may only display the total time of the CD.

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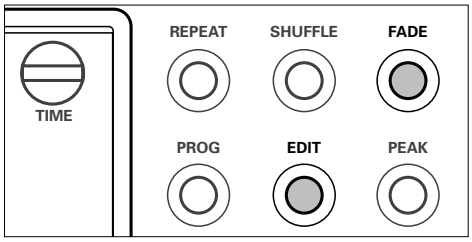
English



Fading out and in

You can fade out and in CD play, e. g. to stop and start a recording softly.

1 Press FADE during CD play to fade out.
→ The display shows ▮▯▯ in steps. The volume is lowered continuously until CD play is paused.

2 Press FADE again to fade in.
→ The display shows ▯▯▮ in steps. CD play starts and the volume is raised continuously to its previous level.

Note: You may use FADE anytime when CD play is paused to fade in.

Volume adjustment

The volume of the CD player can be adjusted. This affects the DIGITAL OUT output as well.

• Press VOLUME – or VOLUME + on the remote control.
→ The volume of the CD player is lowered or raised. The display shows the actual value between VOL MIN and VOL MAX.

Important!
VOLUME –/+ is altering the signal of the output. Before recording set the volume to VOL MAX and do not change during recording.

Locking the volume

It is possible to lock the output volume to its maximum. This affects the DIGITAL OUT output as well. Locking the volume can be useful when recording from the CD-player.

• Keep EDIT pressed for more than 2 seconds.
If the voulme was unlocked:
→ The display shows VOL FIX and the volume is locked.
If the voulme was locked:
→ The display shows VOL MAX and the volume is unlocked.

Note: If you press VOLUME –/+ and the volume is locked the display shows VOL FIX.

Headphone listening

1 Connect your headphones to the 6.3mm PHONES socket.

2 Press VOLUME – or VOLUME + on the remote control to adjust the volume (see "Volume adjustment").

Important!
The volume of the headphones is in line with the volume of the output. Therefore do not use VOLUME –/+ during recording.

Scanning the CD

It is possible to listen to the beginning of each track of a CD or program. You can choose whether to play 10, 20 or 30 seconds of each track.

1 Press SCAN on the remote control repeatedly to switch through the different scan modes.
→ SCAN 10, SCAN 20, SCAN 30, SCAN OFF ... (SCAN OFF aborts the scan function).

2 As soon as the desired scan mode is displayed do not press the button again.
→ After 1 second scanning starts. The number and remaining time of the actual track, and **REM TIME** are displayed.

• You can interrupt scan by pressing PAUSE ❚❚. Continue scan by pressing PAUSE ❚❚ again.

3 Press STOP ■ to stop scanning.
or
• Press PLAY ▶ to start CD play with the actual track.

Note: If you press SCAN while SHUFFLE is active, shuffle will be stopped before scanning.

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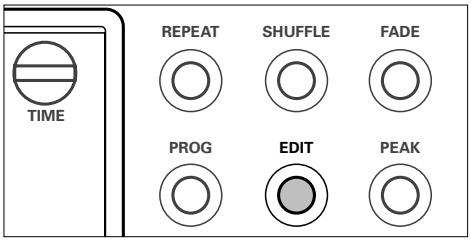
ADDITIONAL FUNCTIONS

English



Recording setup

It is possible to set up the CD player in a way that it will calculate which tracks will fit on your recording media. It is only possible to use the edit function if a disc has not more than 29 tracks.

If you use NORMAL the recording stops after the last track that fits on one side of your recording media. Notice that CD-Recordables are single-sided only! If you use OPTIMAL some tracks will be skipped to minimise the unused space on your recording media. The sequence of the tracks stays as the original.

1 Insert a CD and, if desired, program track numbers.

2 Press EDIT to start the setup.
→ The display shows **EDIT** and NORMAL.

3 Press PREV. ⏮ or NEXT ⏭ to switch through the different scan modes.
→ NORMAL, OPTIMAL, STOP... (STOP aborts the edit function).

4 As soon as the desired edit mode is displayed press EDIT.
→ The display shows C 90. ➢

5 Press PREV. ⏮ or NEXT ⏭ (PREV. ⏮ or NEXT ⏭ on the remote control) to switch through the different recording times and media.
→ C 100, C 120, CDR 21, CDR 60, CDR 74, C 30, C 45, C 60, C 90...

Note: C is for cassette, CDR is for CD-Recordable and CD-Rewriteable and therefore for single-sided recording only.

6 As soon as the desired recording time and media is displayed press EDIT.
→ The number of tracks and the playing time are displayed.

7 Start your recording and press PLAY ▶ to start CD play.
→ If cassette (C) was selected the CD player pauses after playing the calculated tracks for side A. If CD-Recordable (CDR) was selected the CD player stops.

8 If required switch tape sides.

9 Press PLAY ▶ to start CD play again.
→ The number of tracks and the playing time are displayed. The remaining tracks for side B are played.

Note: It is possible to switch between A and B by using PREV. ⏮ or NEXT ⏭.

Environmental information

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

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TROUBLESHOOTING

English

WARNING

Under no circumstances should you try to repair the CD player yourself as this will invalidate the guarantee.

If a fault occurs, first check the points listed below before taking the set for repair.

If you are unable to solve a problem by following this checklist, consult your dealer or service center.

Problem	Possible cause	Solution
No power	Mains cable is not securely connected.	Connect mains cable properly.
No or bad sound	Volume is too low.	Adjust volume.
	Interference caused by electric equipment like TVs, computers, engines, etc.	Keep the CD player away from electrical equipment.
	Loose or wrong connections.	Connect the CD player correctly.
No or bad headphone sound	Volume is too low.	Adjust VOLUME –/+.
	Headphone plug is dirty.	Clean headphone plug.
No or low quality recording	Volume is too low.	Adjust VOLUME –/+.
	Loose or wrong connections.	Connect the CD player correctly.
No reaction to operation of any keys	Electrostatic discharge.	Disconnect the CD player from mains, reconnect after a few seconds.
NO DISC **is displayed**	No CD is inserted.	Insert a CD.
	The CD is badly scratched or dirty.	Replace or clean the CD.
	The CD is inserted upside down.	Insert CD with label upwards.
DISC NOT FINALIZED **is displayed**	The CD-RW (or CD-R) is not properly recorded for the use on a standard CD player.	Read the instruction booklet of your CD-Rewriteable (or CD-Recordable) recorder on how to finalize a recording.
	The CD is badly scratched or dirty.	Replace or clean the CD.
WRONG TRACK **is displayed**	Chosen track number is higher than the highest track number on the CD.	Key in a track number within the range of the track numbers on the CD.
0 0:00 **is displayed**	First track of the CD is longer than the first side of the chosen recording media.	Choose a recording media with a recording time longer than the first track of the CD.
VOL FIX **is displayed**	Volume is locked.	Press EDIT for more than 2 seconds to unlock the volume.
CD skips tracks	**SHUFFLE** or **PROGRAM** is active.	Switch off **SHUFFLE** or **PROGRAM** play.
	The CD is badly scratched or dirty.	Replace or clean the CD.
	Laser lens is dirty.	Clean with a commonly available cleaning CD.
	The laser lens is steamed up.	Wait until the lens has cleared.
Remote control does not function properly	Batteries are inserted incorrectly.	Insert batteries correctly.
	Batteries are flat.	Insert fresh batteries.
	Distance to the CD player is too large.	Reduce distance.

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COUNTRY	COMPANY	ADDRESS
AUSTRALIA	Scan audio Pty. Ltd.	4 Station Street, Thornleigh NSW 2120, Australia
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BULGARIA	Ariescommerce GmbH	Makedonia Blvd. 16, 1606 Sofia, Bulgaria
CANADA	Lenbrook Industries Limited	633 Granite Court, Pickering, Ontario
CYPRUS	Empire Hifi systems Ltd.	P.O. Box 5604, Nicosia, Cyprus
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